COMBINED DECLARATION AND POWER OF ATTORNEY

As a below na	med inventor, I hereby declare that:
This declaration	n is of the following type:
	original divisional continuation continuation-in-part
	INVENTORSHIP IDENTIFICATION
original, first ar	post office address and citizenship are as stated below next to my name. I believe I am the and sole inventor (if only one name is listed below) or an original, first and joint inventor (if re listed below) of the subject matter which is claimed and for which a patent is sought on ntitled:
М	ETHOD AND APPARATUS FOR MONITORING THE POSITION OF A SEMICONDUCTOR PROCESSING ROBOT
	SPECIFICATION IDENTIFICATION
The specification	on of which:
	is attached hereto was filed on, under Serial No, executed on even date herewith; or Express Mail No.(as Serial No. not yet known) and was amended on (if applicable) was described and claimed in PCT International Application No. filed on and as amended under PCT Article 19 on
	ACKNOWLEDGMENT OF REVIEW OF PAPERS AND DUTY OF CANDOR
	that I have reviewed and understand the contents of the above-identified specification, aims, as amended by any amendment referred to above.
Title 37, Code namely, inform	the duty to disclose all information I know to be material to patentability in accordance with of Federal Regulations, 1.56, and which is material to the examination of this application; ation where there is a substantial likelihood that a reasonable Examiner would consider it ciding whether to allow the application to issue as a patent, and
	In compliance with this duty there is attached an Information Disclosure Statement in accordance with 37 CFR 1.98.

PRIORITY CLAIM (35 U.S.C. 119)

I hereby claim foreign priority benefits under Title 35, United States Code, 119, of any provisional or foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below, and have also identified below any provisional or foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed.

	\boxtimes	No such	applications hav	e been filed					
•		Such app	olications have b	een filed as	follows:				
Α.			CT application any priority cl			(6 mos.	for desig	ın) prior	to this
	Cour	ntry/PCT	<u>Application</u>	<u>No</u>	Date Filed		Priority	Claimed	<u> </u>
							☐ Yes ☐ Yes ☐ Yes	. ☐ No)
В.		eign appli pplication	cation(s), if any	y, filed more	e than 12 mos.	(6 mos fo	r design)	prior to	this
·	Count Applic Filing	ation No:							
C.	U.S. P	rovisional	Application file	ed within 1	2 months prio	r to this ap	plication		
	<u>Serial</u>	No.		<u>Filir</u>	ng Date				
			PRIO	RITY CLAI	/I (35 U.S.C <u>.</u> 12	20)			
PCT ir insofar applica acknow (namel importa	nternation as the ation(s) wledge ly, informant in de	onal applications subject mains the mains the duty to mation whe eciding who	t under Title 35, ation(s) designa atter of each of nner provided I o disclose inforere there is sub ether to allow the lication(s) and the state of	iting the Un the claims by the first mation that stantial likel ne application	ited States of this application paragraph of is material to indicate and to issue as a	America the ion is not of the 35, Up the example is a patent) we have a some the control of the	nat is/are disclosed United Sta nination of Examiner Unich occu	listed belin that/thotes Code for this ap would coursed between the course of the cour	ow and ose prior os. 112, os.
	\square		applications hav						
			<u></u>		tus				
Ser	ial No.		Filing Da	ate	<u>Patented</u>	Pen	ding	<u>Abando</u>	<u>ned</u>

POWER OF ATTORNEY

I hereby appoint the following attorneys and/or agents to prosecute this application and transact all business in the Patent and Trademark Office connected therewith:

Registration No. 33,217 Donald Verplancken Registration No. 25,610 Peter J. Sgarbossa Raymond Kam-On Kwong Registration No. 37,165 Registration No. 37,771 Joseph Bach Registration No. 35,412 James C. Wilson Registration No. 25,436 Robert W. Mulcahy Registration No. 37,906 B. Todd Patterson Registration No. 34,682 Raymond R. Moser, Jr. Keith M. Tackett Registration No. 32,008 William B. Patterson Registration No. 34,102

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Patent Counsel APPLIED MATERIALS, INC. P.O. Box 450-A

Santa Clara, CA 95052

Raymond R. Moser, Jr.

MOSER, PATTERSON & SHERIDAN, L.L.P.

(732) 530-9404

DECLARATION

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and, further, that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Sec. 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full name of sole or fi	rst inventor: PYONGWON YIM,	
Inventor's signature:	Ayoranon Upin	Date: 10-9-2003
Residence:	Sunnyvale, CA 94086 //	
Post Office Address:	1196 West McKinley Avenue	
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Full name of second i	nventor: SATISH SUNDAR	01122
Inventor's signature:	afalar	Date: Oct 3, 2003
Residence:	Milpitas, CA 95035	
Post Office Address:	1366 Terra Alta Drive	
	U.S.A.	Country of Citizenship: India

Full name of third inve	entor: VINAYSHAH	
Inventor's signature:	· Il	Date: 10 - 9 - 03
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Post Office Address:	1090 Eddy Street #1 04	
	U.S.A.	Country of Citizenship: U.S.A.
Full name of fourth inv	ventor: MARIO DAVID SILVETŢI	
	DI Inas with	24 /0 - 3 .02
Inventor's signature:	SALVIUS HOUSE	Date: <u>/0 - 3 - 03</u>
Residence:	Morgan Hill, CA 95037	
Post Office Address:	3450 White Oak Court	Country of Citizonship: 11 S A
	U.S.A.	Country of Citizenship: U.S.A.
Full name of fifth inver	ntor: DQUGLAS_KITAJIMA	
	0.024	/0.3
Inventor's signature:	La Rilmon	Date: /0~3-03
Residence:	San Jose, CA 95118	
Post Office Address:	3258 Gardendale Drive	
	U.S.A.	Country of Citizenship: U.S.A.
Full name of sixth inve	entor: VENKATESH BABU	101-102
Inventor's signature:		Date:10/7/03
Residence:	San Jose, CA 95121	
Post Office Address:	2962 Abigail Lane	
	U.S.A.	Country of Citizenship: India
Full name of seventh	inventor: VISWESWAREN SIVARA	MAKRISHNAN
Inventor's		
signature:		Date:
Residence:	Santa Clara, CA 95051	
Post Office Address:	2223 August Place	
	U.S.A.	Country of Citizenship: U.S.A.
Full name of eighth in	ventor: INDRAJIT LAHIRI	
lavantada ett	Az.	Data: Inlalaa
Inventor's signature:	Sonto Caro CA 05051	Date:
Residence:	Santa Ofara, CA 95051 1887 Andrea Place	·
Post Office Address:	U.S.A.	Country of Citizenship: India
	U.S.A.	Country of Chizenship, India

Full name of ninth inventor: SURINDER BEDI

Inventor's signature:

Residence:

Fremont, CA 94539-6205

Post Office Address:

44296 Hunter Place

U.S.A.

Country of Citizenship: U.S.A.

(Declaration ends with this page)

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	\boxtimes	No such a	applications have bee	en filed.				
		·Such appl	lications have been f	iled as follows:				
Α.				ed within 12 mos under 35 U.S.C. 119		design) pr	ior to t	his
	Coun	try/PCT	Application No	Date Filed	<u>P</u>	Priority Clain	ned	
					[[]	Yes Yes Yes Yes Yes	No No No	
B.		eign applic pplication	ation(s), if any, filed	d more than 12 mos	. (6 mos for d	esign) prior	to this	
	Country Applica Filing d	tion No:						
C.	U.S. Pr	ovisional A	Application filed wi	thin 12 months prio	r to this applic	cation		
	Serial I	No.		Filing Date				
			PRIORITY	CLAIM (35 U.S.C. 1	20)	·		
PCT in insofar applicated acknow (namely importal)	ternatior as the s tion(s) in rledge the r, informant in de	nal applicate subject man the man ne duty to lation wher ciding whe	ion(s) designating to ter of each of the coner provided by the disclose information there is substantiather to allow the app	d States Code, 120, ne United States of laims of this applicate first paragraph of n that is material to al likelihood that a relication to issue as it ional or PCT internat	America that in ion is not discluding the 35, United the examinates as the patent of the patent of the examinates as the patent of the patent	is/are listed losed in that/ed States Contion of this miner would in occurred by	below as /those prode, 112 applicat conside etween	nd, rior 2, I ion er it
			pplications have bee ications have been fi					
				Status				
Seria	<u>al No</u> .		Filing Date	<u>Patented</u>	Pending	<u>Aban</u>	doned	

POWER OF ATTORNEY

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Raymond R. Moser, Jr.

MOSER, PATTERSON & SHERIDAN, L.L.P.

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Full name of sole or f i	rst inventor: PYONGWON YIM				
Inventor's signature:		Date:			
Residence: Post Office Address:	Sunnyvale, CA 94086 1196 West McKinley Avenue				
	U.S.A.	Country of Citizenship: U.S.A.			
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Inventor's signature:		Date:			
Residence:	Milpitas, CA 95035				
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Full name of third inve	entor: VINAY SHAH	
Inventor's signature:		Date:
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Full name of fourth in	ventor: MARIO DAVID SILVETTI	
Inventor's signature:		Date:
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Full name of fifth inve	ntor: DOUGLAS KITAJIMA	
Inventor's signature:		Date:
Residence:	San Jose, CA 95118	
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Full name of sixth inve	entor: VENKATESH BABU	
Inventor's signature:		Date:
Residence: Post Office Address:	San Jose, CA 95121 2962 Abigail Lane U.S.A.	Country of Citizenship: India
Full name of seventh	inventor: VISWESWAREN SIVARA	AMAKRISHNAN
Inventor's signature:	hivorance	Date: $10/27/0^{-3}$
Residence: Post Office Address:	Santa Clara, CA 95051 2223 August Place U.S.A.	Country of Citizenship: U.S.A.
Full name of eighth in	ventor: INDRAJIT LAHIRI	
Inventor's signature:		Date:
Residence:	Santa Clara, CA 95051	
Post Office Address:	1887 Andrea Place U.S.A.	Country of Citizenship: India

Full name of ninth inventor: SURINDER BEDI

Inventor's signature: _______ Date: _______

Residence: Fremont, CA 94539-6205

Post Office Address: 44296 Hunter Place
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(Declaration ends with this page)